CLAIMS

1. A compound represented by the following formula

wherein R^1 and R^2 each independently represent a hydrogen atom, a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms, or a substituted or unsubstituted aryl group having 6 to 10 carbon atoms; R^3 , R^4 , R^6 , and R^7 each independently represent a hydrogen atom or a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms; R^5 represents a hydrogen atom, a halogen atom, a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms, a substituted or unsubstituted aryl group having 6 to 10 carbon atoms, a substituted or unsubstituted acylamino group having 2 to 10 carbon atoms, or a substituted or unsubstituted heterocyclic group having 1 to 6 carbon atoms; R8 represents a hydrogen atom or a substituted or unsubstituted acyl group having 2 to 10 carbon atoms; and R^9 , R^{10} , R^{11} , R^{12} , and R^{13} each independently represent a hydrogen atom or a substituent; provided that R^1 and R^2 may be bonded to each other to form a ring.

- 2. The compound according to claim 1, wherein R⁹, R¹⁰, R¹¹, R¹², and R¹³ each independently represent a hydrogen atom, a halogen atom, a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms, a nitro group, a cyano group, a substituted or unsubstituted alkoxycarbonylamino group having 2 to 10 carbon atoms, a substituted or unsubstituted alkoxy group having 1 to 10 carbon atoms, or a substituted or unsubstituted alkoxycarbonyl group having 2 to 10 carbon atoms.
- 3. The compound according to claim 1, which is represented by the following formula (II):

wherein R¹ and R² each independently represent a hydrogen atom, a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms, or a substituted or unsubstituted aryl group having 6 to 10 carbon atoms; R⁵ represents a hydrogen atom, a halogen atom, a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms, a substituted or unsubstituted aryl group having 6 to 10 carbon atoms, a substituted or unsubstituted or unsubstituted acylamino group having 2 to 10 carbon atoms, or a substituted or unsubstituted heterocyclic group having

1 to 6 carbon atoms; and R9, R10, R11, R12, and R13 each independently represent a hydrogen atom, a halogen atom, an alkyl group, a cyano group, a nitro group, a carboxyl group, a substituted or unsubstituted alkoxy group having 1 to 10 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 10 carbon atoms, a substituted or unsubstituted acylamino group having 2 to 10 carbon atoms, a substituted or unsubstituted aminocarbonylamino group having 2 to 10 carbon atoms, a substituted or unsubstituted alkoxycarbonylamino group having 2 to 10 carbon atoms, a substituted or unsubstituted aryloxycarbonylamino group having 6 to 10 carbon atoms, a substituted or unsubstituted sulfamoyl group having 0 to 10 carbon atoms, a substituted or unsubstituted alkylsulfonyl group having 1 to 10 carbon atoms, a substituted or unsubstituted arylsulfonyl group having 6 to 10 carbon atoms, a substituted or unsubstituted acyl group having 2 to 10 carbon atoms, a substituted or unsubstituted aryloxycarbonyl group having 7 to 10 carbon atoms, a substituted or unsubstituted alkoxycarbonyl group having 2 to 10 carbon atoms, or a substituted or unsubstituted carbamoyl group having 1 to 10 carbon atoms; provided that R1 and R2 may be bonded to each other to form a ring.

4. The compound according to claim 3, wherein R⁵ represents a hydrogen atom, an unsubstituted alkyl group having

1 to 5 carbon atoms, or an unsubstituted aryl group having 6 to 10 carbon atoms.

- 5. The compound according to claim 3, wherein R⁵ represents a hydrogen atom.
- 6. The compound according to claim 3, wherein R^9 , R^{10} , R^{11} , R^{12} , and R^{13} each independently represent a hydrogen atom, a halogen atom, a nitro group, or an alkyl group having 1 to 5 carbon atoms which is unsubstituted or is substituted by one or more halogen atoms.
- 7. The compound according to claim 3, wherein one of R^{10} , R^{11} , and R^{12} represents a hydrogen atom, an alkyl group, a halogen atom, a nitro group, an alkoxy group, an acylamino group, or a carbamoyl group, and R^9 and R^{13} each represent a hydrogen atom.
- 8. The compound according to claim 3, wherein R^9 , R^{10} , R^{11} , R^{12} , and R^{13} each represent a hydrogen atom.
- 9. A process for producing a compound represented by the following formula (I) which comprises reacting a compound represented by the following formula (III) with a compound represented by the following formula (IV):

wherein R¹ and R² each independently represent a hydrogen atom, a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms, or a substituted or unsubstituted aryl group having 6 to 10 carbon atoms; R³, R⁴, R⁶, and R⁷ each independently represent a hydrogen atom or a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms; R⁵ represents a hydrogen atom, a halogen atom, a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms, a substituted or unsubstituted aryl group having 6 to 10 carbon atoms, a substituted or unsubstituted aryl group having group having 2 to 10 carbon atoms, or a substituted or unsubstituted heterocyclic group having 1 to 6 carbon atoms; R⁸ represents a hydrogen atom or a substituted or unsubstituted acyl group having 2 to 10 carbon atoms; and R⁹, R¹⁰, R¹¹, R¹², R¹³, R¹⁴, R¹⁵, R¹⁶, R¹⁷, and R¹⁸ each independently represent a hydrogen atom

or a substituent; provided that $\ensuremath{R^1}$ and $\ensuremath{R^2}$ may be bonded to each other to form a ring.

10. The process according to claim 9, wherein the reacting is made at a temperature of -20°C to 200°C for 5 minutes to 10 hours.